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WORK ADDRESS

Schar School of Policy and Government
George Mason University
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EDUCATION

Massachusetts Institute of Technology

Doctor of Philosophy, Department of Political Science, 2004

John F. Kennedy School of Government, Harvard University

Master in Public Policy, 1999

Brown University

Bachelor of Arts with Honors, 1996

ACADEMIC EXPERIENCE

George Mason University

ASSOCIATE PROFESSOR OF GOVERNMENT AND POLITICS

2012-present

ASSISTANT PROFESSOR OF GOVERNMENT AND POLITICS

2007-2012

SCHAR SCHOOL OF POLICY AND GOVERNMENT

Fairfax & Arlington, VA

- Teach graduate courses on biodefense, terrorism, and weapons of mass destruction
- Teach undergraduate and graduate courses on international relations

George Mason University

DIRECTOR, BIODEFENSE GRADUATE PROGRAM

2015-present

DEPUTY DIRECTOR, BIODEFENSE GRADUATE PROGRAM

2007-2015

SCHAR SCHOOL OF POLICY AND GOVERNMENT

Fairfax, VA

- Responsible for developing curriculum and courses, recruiting faculty, managing admissions process, conducting doctoral qualifying exams, and supervising doctoral students for interdisciplinary graduate program that offers MS and Ph.D. degrees in Biodefense

George Mason University

COURSE DIRECTOR

2012-present

Arlington, VA

- Organize and lead professional education summer course, *Pandemics, Bioterrorism and Global Health Security*

Middlebury Institute of International Studies

ADJUNCT PROFESSOR

Spring 2019

Monterey, CA

- Taught the graduate course *Chemical and Biological Warfare and Terrorism: Contemporary Challenges*

Georgetown University

VISITING ASSISTANT PROFESSOR, SECURITY STUDIES PROGRAM

Fall 2006

VISITING ASSISTANT PROFESSOR, SCHOOL OF FOREIGN SERVICE AND

2005-2006

DEPARTMENT OF GOVERNMENT

Washington, DC

- Taught undergraduate and graduate courses on international relations, international security, and terrorism

Massachusetts Institute of Technology

INSTRUCTOR, DEPARTMENT OF POLITICAL SCIENCE

2004-2005

POST-DOCTORAL ASSOCIATE, SECURITY STUDIES PROGRAM

Cambridge, MA

- Taught undergraduate course on terrorism and weapons of mass destruction

Massachusetts Institute of Technology FACULTY, MIT PROFESSIONAL INSTITUTE	2003-2011 Cambridge, MA
<ul style="list-style-type: none"> Instructor for <i>Pandemics and Bioterrorism: From Realistic Threats to Effective Policies</i> summer course 	
Harvard University PRE-DOCTORAL FELLOW IN NATIONAL SECURITY OLIN INSTITUTE FOR STRATEGIC STUDIES	2002-2003 Cambridge, MA
Massachusetts Institute of Technology RESEARCH ASSISTANT, SECURITY STUDIES PROGRAM	2000-2002 Cambridge, MA

PROFESSIONAL EXPERIENCE

Global BioLabs Initiative CO-DIRECTOR	2021-present Arlington, VA
<ul style="list-style-type: none"> Collect, curate, and analyze data on BSL-4 and BSL-3+ labs and national biorisk management policies Produce interactive website www.globalbiolabs.org in conjunction with the Bulletin of the Atomic Scientists 	
Council on Foreign Relations STANTON NUCLEAR SECURITY FELLOW	2012-2013 Washington, DC
<ul style="list-style-type: none"> Conducted research for book on why states share nuclear weapons technology 	
Harvard University RESEARCH SPECIALIST, EXECUTIVE SESSION ON DOMESTIC PREPAREDNESS	1999-2000 Cambridge, MA
<ul style="list-style-type: none"> Assisted in organizing a multidisciplinary task force of federal, state and local practitioners to develop strategies for enhancing homeland security 	
Carnegie Endowment for International Peace JUNIOR FELLOW, NUCLEAR NON-PROLIFERATION PROJECT	1996-1997 Washington, D.C.
<ul style="list-style-type: none"> Wrote and edited chapters for <i>Tracking Nuclear Proliferation 1998</i> 	

AFFILIATIONS

- Member, Security Working Group, Engineering Biology Research Consortium (EBRC), Emeryville, CA, 2022-present
- Working Group Member, WHO Global Framework Guidance for Responsible Use of the Life Sciences, World Health Organization, Geneva, Switzerland, 2021-2022
- Member, Biological Threat Advisory Board, Nighthawk Biosciences LLC, Morrisville, NC, 2021-present
- Consultant, Cheminformatics Project, Henry L. Stimson Center, Washington, DC, 2020-present
- Advisor, Open Society Justice Initiative, New York, NY, 2019-present
- Member, ELSI Panel, Preemptive Expression of Protective Alleles and Response Elements (PREPARE), Defense Advanced Research Projects Agency, Arlington, VA, 2019-present
- Associate Faculty, Center for Security Policy Studies, George Mason University, Arlington, VA, 2016-present
- Associate Faculty, Center for Global Studies, George Mason University, Fairfax, VA, 2010-2018
- Visiting Research Fellow, Global Security Research Institute, Keio University, Tokyo, Japan, March 2010
- Consultant, Computer Sciences Corporation, Alexandria, VA, 2009-2015
- Scientists Working Group on Chemical and Biological Security, Center for Arms Control and Non-Proliferation, Washington, DC, 2005-present
- Research Affiliate, Security Studies Program, Massachusetts Institute of Technology, Cambridge, MA, 2004-2015

EDITORIAL BOARDS

- The Nonproliferation Review*, 2011-present
- Journal of Biosecurity, Biosafety & Biodefense Law*, 2011-present
- World Medical and Health Policy Journal*, 2009-present
- Global Health Governance: The Scholarly Journal for the New Health Security Paradigm*, 2008-2015

GRANTS, HONORS, AND AWARDS

- Principal Investigator, “Global Biorisk Governance Project,” Building a Stronger Future: 2022-present
- Co-Investigator, “Mapping Global Biosafety Labs,” Centre for Science and Security Studies, Kings College London: 2020-present
- Principal Investigator, “Preventing State-Sponsored Nuclear Proliferation by Iran and North Korea: Lessons from Pakistan,” Defense Threat Reduction Agency Project on Advanced Systems and Concepts for Countering Weapons of Mass Destruction (PASCC): 2019-2020
- Co-Investigator, “CRISPR and Biosecurity: Assessing Risks, Benefits, and Governance Options for Genome Editing,” Smith Richardson Foundation: 2017-2018
- Principal Investigator, George Mason University Center for Global Studies Faculty Workshop Grant: 2016-2017
- Stanton Nuclear Security Fellowship, Council on Foreign Relations: 2012-2013
- George Mason University Center for Global Studies Faculty Research Grant: 2011-2012
- Georgetown University School of Foreign Service Faculty Research Grant: Spring 2006, Summer 2006, and Fall 2006
- Co-Investigator, “Biosecurity Seminar Series,” Carnegie Corporation of New York: 2004-2005
- John Anson Kittredge Educational Fund Grant: 2003
- MacArthur Foundation Summer Grant: 2002 and 2003

PUBLICATIONS

Books and Monographs

Jesse Kirkpatrick, Gregory D. Koblentz, Megan J. Palmer, Edward Perello, David A. Relman, and Sarah W. Denton, *Editing Biosecurity: Needs and Strategies for Governance of Genome Editing* (Arlington, VA and Palo Alto, CA: George Mason University and Stanford University, 2018).

Gregory D. Koblentz, *Strategic Stability in the Second Nuclear Age*, Special Report No. 71 (New York: Council on Foreign Relations, 2014).

Gregory D. Koblentz, *Living Weapons: Biological Warfare and International Security* (Ithaca: Cornell University Press, 2009).

Rodney W. Jones and Mark G. McDonough with Toby F. Dalton and Gregory D. Koblentz, *Tracking Nuclear Proliferation 1998* (Washington: Carnegie Endowment for International Peace, 1998).

Peer-Reviewed Articles

Gene Godbold, F. Curtis Hewitt, Anthony D. Kappell, Matthew B. Scholz, Stacy L. Agar, Todd J. Treangen, Krista L. Ternus, Jonas B. Sandbrink, and Gregory D. Koblentz, “Improved Understanding of Biorisk for Research Involving Microbial Modification Using Annotated Sequences of Concern,” *Frontiers in Bioengineering and Biotechnology*, April 25, 2023.

Stefano Costanzi, Gregory D. Koblentz, and Richard T. Cupitt, “Expanding the Australia Group’s Chemical Weapons Precursors Control List with a Family-based Approach,” *Pure and Applied Chemistry*, February 8, 2023.

Ryan S. Houser, Gregory D. Koblentz, and Filippa Lentzos, “Understanding Biosafety and Biosecurity in Ukraine,” *Health Security*, Volume 21, Number 1, (2023).

Mary Sproull, Terri Rebmann, Austin Turner, Rachel Charney, Emmanuel Petricoin, Gregory D. Koblentz, William G. Kennedy, “Computational Modeling of First Responders’ Willingness to Accept Radiation Exposure During Radiological or Nuclear Events,” *American Journal of Disaster Medicine*, Vol. 17, No. 2 (2022): 101-115.

Jonas B. Sandbrink, Ethan C. Alley, Matthew C. Watson, Gregory D. Koblentz, and Kevin M. Esvelt, “Insidious Insights: Implications of Viral Vector Engineering for Pathogen Enhancement,” *Gene Therapy*, March 10, 2022.

Stefano Costanzi, Charlotte K. Slavick, Joyce M. Abides, Gregory D. Koblentz, Mary Vecellio, and Richard T. Cupitt, “Supporting the Fight Against the Proliferation of Chemical Weapons Through Cheminformatics,” *Pure and Applied Chemistry*, March 2, 2022.

Stefano Costanzi and Gregory D. Koblentz, “Strengthening Controls on Novichoks: A Family-Based Approach to Covering A-Series Agents and Precursors Under the Chemical-Weapons Nonproliferation Regime,” *The Nonproliferation Review*, Vol. 28, No. 1-3 (2021), pp. 95-113.

Sriharshita Musunuri, Jonas B Sandbrink, Joshua Teperowski Monrad, Megan J. Palmer, and Gregory D. Koblentz, “Rapid Proliferation of Pandemic Research: Implications for Dual-Use Risks,” *mBio*, Vol. 12, No. 5 (September-October 2021): e01864-21.

Mary Sproull, Naoru Koizumi, Emanuel F. Petricoin, Gregory D. Koblentz, and William G. Kennedy, “The Impact of Radiation Dread on Mass Casualty Medical Management During a Radiological or Nuclear Event,” *American Journal of Disaster Medicine*, Vol. 16, No. 2 (Spring 2021), pp. 147-162.

Gregory D. Koblentz and Stevie Kiesel, “The COVID-19 Pandemic: Catalyst or Complication for Bioterrorism?” *Studies in Conflict and Terrorism*, July 14, 2021.

- Jonas Sandbrink and Gregory D. Koblentz, "Biosecurity Risks Associated with Vaccine Platform Technologies," *Vaccine*, February 25, 2021.
- Kyle E. Watters, Jesse Kirkpatrick, Megan J. Palmer, and Gregory D. Koblentz, "The CRISPR Revolution and its Potential Impact on Global Health Security," *Pathogens and Global Health*, Vol. 115, No. 2 (2021), pp. 80-92.
- Gregory Lewis, Jacob L. Jordan, David A. Relman, Gregory D. Koblentz, Jade Leung, Allan Dafoe, Cassidy Nelson, Gerald L. Epstein, Rebecca Katz, Michael Montague, Ethan C. Alley, Claire Marie Filone, Stephen Luby, George M. Church, Piers Millett, Kevin M. Esvelt, Elizabeth E. Cameron, and Thomas V. Inglesby, "The Biosecurity Benefits of Genetic Engineering Attribution," *Nature Communications*, December 8, 2020.
- Stefano Costanzi, Charlotte K. Slavick, Brent O. Hutcheson, Gregory D. Koblentz, and Richard T. Cupitt, "Lists of Chemical Warfare Agents and Precursors from International Nonproliferation Frameworks: Structural Annotation and Chemical Fingerprint Analysis," *Journal of Chemical Information and Modeling*, Vol. 60, No. 10 (2020), pp. 4804-4816.
- Stefano Costanzi, Gregory D. Koblentz, and Richard T. Cupitt, "Leveraging Cheminformatics to Bolster the Control of Chemical Warfare Agents and their Precursors," *Strategic Trade Review*, Vol. 6, No. 9 (Winter/Spring 2020), pp. 69-91.
- Gregory D. Koblentz, "Chemical-Weapon Use in Syria: Atrocities, Attribution, and Accountability," *The Nonproliferation Review*, Vol. 26, No. 5/6 (2019), pp. 575-598.
- Stefano Costanzi and Gregory D. Koblentz, "Controlling Novichoks after Salisbury: Revising the Chemical Weapons Convention Schedules," *The Nonproliferation Review*, Vol. 26, No. 5/6 (2019), pp. 599-612.
- Gregory D. Koblentz, "Saddam Versus the Inspectors: The Impact of Regime Security on the Verification of Iraq's WMD Disarmament," *Journal of Strategic Studies*, Vol. 41, No. 3 (April 2018), pp. 372-409.
- Gregory D. Koblentz, "A Critical Analysis of the Scientific and Commercial Rationales for the Synthesis of Horsepox Virus," *mSphere*, Vol. 3, No. 2 (March/April 2018), pp. 1-10.
- Mary T. Sproull, Kevin A. Camphausen, and Gregory D. Koblentz, "Biodosimetry: A Future Tool for Medical Management of Radiological Emergencies," *Health Security*, Vol. 15, No 6 (December 2017), pp. 1-12.
- Gregory D. Koblentz, "The *De Novo* Synthesis of Horsepox Virus: Implications for Biosecurity and Recommendations for Preventing the Reemergence of Smallpox," *Health Security*, Vol. 15, No. 5 (August 2017), pp. 1-9.
- Mahdi F.H. Al Jewari and Gregory D. Koblentz, "Strengthening Biosecurity in Iraq: Development of a National Biorisk Management System," *Frontiers in Public Health*, Vol. 4, Article 25 (February 26, 2016), pp. 1-4.
- Gregory D. Koblentz, "Dual-Use Research as a Wicked Problem," *Frontiers in Public Health*, Vol. 2 (August 4, 2014), pp. 1-4.
- Gregory D. Koblentz, "Regime Security: A New Model for Understanding the Proliferation of Chemical and Biological Weapons," *Contemporary Security Policy*, Vol. 34, No. 3 (December 2013), pp. 501-525.
- Gregory D. Koblenz and Brian M. Mazanec, "Viral Warfare: The Security Implications of Cyber and Biological Weapons," *Comparative Strategy*, Vol. 32, No. 5 (2013), pp. 418-434.
- Gregory D. Koblentz, "From Biodefense to Biosecurity," *International Affairs*, Vol. 88, No. 1 (2012), pp. 131-148.
- Gregory D. Koblentz, "Predicting Peril or the Peril of Prediction? Assessing the Risk of CBRN Terrorism," *Terrorism and Political Violence*, Vol. 23, No. 4 (2011), pp. 501-520.
- Gregory D. Koblentz and Marie Isabelle Chevrier, "Modernizing the Confidence Building Measures of the Biological Weapons Convention," *Biosecurity and Bioterrorism*, Vol. 9, No. 3 (2011), pp. 1-7.
- Gregory D. Koblentz, "Biosecurity Reconsidered: Calibrating Biological Threats and Responses," *International Security*, Vol. 34, No. 4 (Spring 2010), pp. 96-132.
- Gregory D. Koblentz and Jonathan B. Tucker, "Tracing an Attack: The Promise and Pitfalls of Microbial Forensics," *Survival*, Vol. 52, No. 1 (February/March 2010), pp. 159-186.
- Jonathan B. Tucker and Gregory D. Koblentz, "The Four Faces of Microbial Forensics," *Biosecurity and Bioterrorism*, Vol. 7, No 4 (2009), pp. 389-397.
- Gregory D. Koblentz, "The Threat of Pandemic Influenza: Why Today Is Not 1918," *World Medical and Health Policy*, Vol. 1, No. 1 (2009), pp. 71-84.
- Gregory Koblentz, "Pathogens as Weapons: The International Security Implications of Biological Warfare," *International Security*, Vol. 28, No. 3 (Winter 2003/04), pp. 84-122.
- Gregory Koblentz, "Countering Dual-Use Facilities: Lessons from Iraq and Sudan," *Jane's Intelligence Review*, March 1999, pp. 48-53.
- Gregory Koblentz, "Theater Missile Defense and South Asia: A Volatile Mix," *The Nonproliferation Review*, Vol. 4, No. 3 (Spring/Summer 1997), pp. 54-62.

Non-Peer Reviewed Articles and Opinion Pieces

- Gregory D. Koblentz and Rocco Casagrande, "Biology is Dangerously Outpacing Policy," *New York Times*, February 20, 2023.
- Gregory D. Koblentz and Filippa Lentzos, "A Plan B to Strengthen Biosafety and Biosecurity," *Think Global Health*, November 15, 2022.

Stefano Costanzi and Gregory D. Koblentz, “Controlling Novichok Nerve Agents After the Skripal and Navalny Incidents,” *NCT Magazine* (October 2022).

Filippa Lentzos, Gregory D. Koblentz, and Joseph Rodgers, “The Urgent Need for an Overhaul of Global Biorisk Management,” *CTC Sentinel*, Vol. 15, No. 4 (April 2022), pp. 23-29.

Filippa Lentzos and Gregory D. Koblentz, “Have Hybrid Coronaviruses Already Been Made? We Simply Don’t Know for Sure, and That’s a Problem,” *The Conversation*, February 21, 2022.

Gregory D. Koblentz, “California Biosecurity Bill Safeguards Bioeconomy and Public Health,” *Sacramento Business Journal*, September 23, 2021.

Joseph Rodgers, Filippa Lentzos, Gregory D. Koblentz, and Minh Ly, “How to Make Sure the Labs Researching the Most Dangerous Pathogens are Safe and Secure,” *Bulletin of the Atomic Scientists*, July 2, 2021.

Gregory D. Koblentz and Filippa Lentzos, “Whether Covid Came from a Leak or Not, It’s Time to Talk about Lab Safety,” *The Guardian*, June 15, 2021.

Filippa Lentzos and Gregory D. Koblentz, “Fifty-Nine Labs Around World Handle the Deadliest Pathogens--Only a Quarter Score High on Safety,” *The Conversation*, June 14, 2021.

Gregory D. Koblentz and Andrea Stricker, “Trump Should Act Against Russia’s Use of Chemical Weapons,” *Defense One*, November 20, 2020.

Brian L. Pike and Gregory D. Koblentz, “Lessons from the Roosevelt: A Call for Improving the U.S. Navy’s Preparedness for Biological Threats,” *War on the Rocks*, November 12, 2020.

Gregory D. Koblentz and Andrea Stricker, “Hold Russia Accountable for Latest Chemical Weapons Attack,” *The Hill*, September 25, 2020.

Gregory D. Koblentz, “How Putin Borrowed a Page from Assad’s Chemical Weapon Playbook,” *Global Biodefense*, September 11, 2020.

Saskia Popescu and Gregory D. Koblentz, “Hear, See, and Speak No COVID: Why the Trump administration is Bungling the Response to the Pandemic,” *Bulletin of the Atomic Scientists*, June 18, 2020.

Gregory D. Koblentz, “Emerging Technologies and CBRN Terrorism,” *The Washington Quarterly*, 43:2 (Summer 2020), pp. 177-196.

Stefano Costanzi and Gregory D. Koblentz, “Updating the CWC: How We Got Here and What Is Next,” *Arms Control Today*, Vol. 5, No. 3 (April 2020), pp. 16-20.

Gregory D. Koblentz and Michael Hunzeker, “National Security in the Age of Pandemics,” *Defense One*, April 3, 2020.

Gregory D. Koblentz and Madeline Roty, “Myanmar Should Finally Come Clean About its Chemical Weapons Past—With US Help,” *Bulletin of the Atomic Scientists*, March 10, 2020.

Gregory D. Koblentz, “A Biotech Firm Made a Smallpox-Like Virus on Purpose. Nobody Seems to Care,” *Bulletin of the Atomic Scientists*, February 21, 2020.

Gregory D. Koblentz, “#NoImpunity: Will the Newest International Effort to Stop Chemical Attacks in Syria Succeed?” *War on the Rocks*, March 2, 2018.

Lynn C. Klotz and Gregory D. Koblentz, “New Pathogen Research Rules: Gain of Function, Loss of Clarity,” *Bulletin of the Atomic Scientists*, February 26, 2018.

Gregory D. Koblentz, “Smallpox Could Again Be a Serious Threat,” *Slate*, October 19, 2017.

Mary Sproull, Kevin Camphausen, and Gregory D. Koblentz, “Measuring Radiation Doses in Mass-Casualty Emergencies,” *Bulletin of the Atomic Scientists*, October 4, 2017.

Gregory D. Koblentz, “Syria’s Chemical Kill Chain,” *Foreign Policy*, April 7, 2017.

Gregory D. Koblentz and Nathaniel Morra, “Pandemics, Personnel, and Politics: How the Trump Administration is Leaving Us Vulnerable to the Next Outbreak,” *Global Biodefense*, April 6, 2017.

Gregory D. Koblentz and Paul F. Walker, “Can Bill Gates Rescue the Bioweapons Convention?” *Bulletin of the Atomic Scientists*, April 3, 2017.

Filippa Lentzos and Gregory D. Koblentz, “It’s Time to Modernize the Bioweapons Convention,” *Bulletin of the Atomic Scientists*, November 4, 2016.

Gregory Koblentz and Filippa Lentzos, *21st Century Biodefence: Risks, Trade-offs, and Responsible Science*, BWC Review Conference Series Paper No. 3 (Oslo, Norway: International Law and Policy Institute, 2016).

Gregory D. Koblentz, “A Need to Rebalance U.S. Nonproliferation Policy,” *Cipher Brief*, May 25, 2016.

A. Trevor Thrall and Gregory D. Koblentz, “Past as Prologue? What North Korea Teaches Us About Iran’s Nuclear Program,” *The Diplomat*, February 12, 2016.

Gregory D. Koblentz, “America’s Next Big Challenge: Preventing an Iranian Nuclear Leakout,” *The National Interest*, May 15, 2015.

Gregory D. Koblentz, “Physics Favors Deterrence; Biology Doesn’t,” *Bulletin of the Atomic Scientists*, March 27, 2015.

Gregory D. Koblentz, “The Myth of Biological Weapons as the Poor Man’s Atomic Bomb,” *Bulletin of the Atomic Scientists*, March 18, 2015.

Gregory D. Koblentz, “How to Keep Future Cold Wars Cold: Mind the Missiles,” *Los Angeles Times*, November 28, 2014.

Gregory D. Koblentz, "The Silver Lining of an Extension of the P5+1 Nuclear Talks with Iran," *The National Interest*, November 24, 2014.

Orde F. Kittrie and Gregory D. Koblentz, "Holding Assad Accountable," *The National Interest*, September 6, 2013.

Gregory D. Koblentz, "The Chemical Weapons Test in Syria," *CFR.org*, June 15, 2013.

Gregory D. Koblentz, "Bomb, Coerce or Contain Iran," *The National Interest*, May 15, 2013.

Gregory D. Koblentz, "America's Best Options in Syria," *The Atlantic*, May 7, 2013.

Gregory D. Koblentz, "Probing for Chemical Attacks in Syria," *Council on Foreign Relations Expert Brief*, March 26, 2013.

Gregory D. Koblentz, "State-Sponsored Nuclear Proliferation: Why States Share Nuclear Weapons Technology," *Global Studies Review*, Vol. 8, No. 2 (Summer 2012).

Gregory D. Koblentz, "Letter to the Editor: Pandemic Panic," *Foreign Policy* (January/February 2010), pp. 16-17.

Gregory Koblentz and Jon Wolfsthal, "Russia Agrees to Adhere to MTCR, Suspends Rocket Deal With India," *Arms Control Today*, September 1993.

Reports

Filippa Lentzos and Gregory D. Koblentz, *Global BioLabs Report 2023* (London and Arlington, VA: King's College London and George Mason University, March 2023).

Filippa Lentzos and Gregory D. Koblentz, *Mapping Maximum Biological Containment Labs Globally* (London: King's College London, May 2021).

Jesse Kirkpatrick, Gregory D. Koblentz, Megan Palmer, Sarah W. Denton, and Bruce Tiu, *Biotechnology Governance: Landscape and Options*, Biosecurity in the Age of Genome Editing Working Paper No. 2 (Arlington, VA and Palo Alto, CA: George Mason University and Stanford University, March 2018).

Gregory D. Koblentz, Jesse Kirkpatrick, Megan Palmer, Sarah W. Denton, Bruce Tiu, and Kelsey Gloss, *Biotechnology Risk Assessment: State of the Field*, Biosecurity in the Age of Genome Editing Working Paper No. 1 (Arlington, VA and Palo Alto, CA: George Mason University and Stanford University, December 2017).

Gregory D. Koblentz and Alan Pearson, *Key Questions Regarding the Investigation of the 2001 Anthrax Letter Attacks* (Washington, DC: Center for Arms Control and Non-Proliferation, September 29, 2008).

Gregory Koblentz, "A Survey of Biological Terrorism and America's Domestic Preparedness Program," *Executive Session on Domestic Preparedness Discussion Paper*, ESDP-2001-02 (Cambridge, MA: John F. Kennedy School of Government, Harvard University, 2001).

Gregory Koblentz, "Overview of Federal Programs to Enhance the Preparedness of State and Local Governments for Terrorism with Weapons of Mass Destruction," *Executive Session on Domestic Preparedness Discussion Paper*, ESDP-2001-03 (Cambridge, MA: John F. Kennedy School of Government, Harvard University, 2001).

Book Chapters

Gregory D. Koblentz, "Historical Aspects of Biological Weapons Development and Use," in Sunit K. Singh and Jens H. Kuhn, eds., *Defense Against Biological Attacks*, Volume I (Basel, Switzerland: Springer Nature AG, 2019).

Gregory D. Koblentz, "Quandaries in Contemporary Biodefense Research," in Filippa Lentzos, ed., *Biological Threats in the 21st Century* (London: Imperial College Press, 2016), pp. 303-328.

Gregory D. Koblentz, "Biological Weapons and Bioterrorism," in Simon Rushton and Jeremy Youde, eds., *The Routledge Handbook of Global Health Security* (Oxford: Routledge, 2014), pp. 118-129.

Gregory Koblentz, "Biological Terrorism: Understanding the Threat and America's Response," in Arnold Howitt and Robyn Pang, eds., *Countering Terrorism: Dimensions of Preparedness* (Cambridge: MIT Press, 2003).

Book Reviews

Gregory D. Koblentz, "Beyond Technology: The Social Dimensions of Biological Weapon Threats," review of *Phantom Menace or Looming Danger? A New Framework for Assessing Bioweapons Threats* by Kathleen M. Vogel, *The Nonproliferation Review*, Vol. 21, No. 1 (2014), pp. 99-103.

Gregory D. Koblentz, "Command and Combust: America's Secret History of Atomic Accidents," review of *Command and Control: Nuclear Weapons, the Damascus Accident, and the Illusion of Safety* by Eric Schlosser, *Foreign Affairs* (January/February 2014), pp. 167-172.

Gregory D. Koblentz, "Review of *Bacillus anthracis and Anthrax* by Nicholas H. Bergman, ed.," *Terrorism and Political Violence*, Vol. 24, No. 5 (2012), pp. 860-861.

Gregory D. Koblentz, "Review of *Nanotechnology for Chemical and Biological Defense* by Margaret Kosal," *Review of Policy Research*, Vol. 27, No. 5 (September 2010), pp. 659-660.

CONFERENCE PRESENTATIONS

Stefano Costanzi, Gregory Koblentz, and Richard Cupitt, “Expanding the Australia Group's Chemical Weapons Precursors Control List with a Family-Based Approach,” *Virtual Conference on Chemistry and its Applications*, August 8-12, 2022.

Filippa Lentzos, Gregory D. Koblentz, and Joseph Rodgers, “GlobalBioLabs.Org: A Tool for Mapping BSL-4 Labs,” poster presentation at the International Federation of Biosafety Association Virtual Biosafety Conference, November 3, 2021.

Stefano Costanzi and Gregory D. Koblentz, “Novichok Agents: Further Amending the Chemical Weapons Convention Schedules and the Australia Group Precursors List After the Navalny Incident,” presentation at the American Chemical Society Spring National Meeting, April 9, 2021.

Stefano Costanzi, Charlotte Slavick, Gregory Koblentz, and Richard Cupitt, “Structurally Annotated Lists of Chemicals from International Frameworks for the Control of Chemical Weapons and Precursors,” poster presented at American Chemical Society Spring National Meeting, Philadelphia, PA, March 22-26, 2020.

“The Governance of Biotechnology and Biological Weapons,” Roundtable on Weapons Governance and International Security, American Political Science Association Annual Meeting, Washington, DC, August 30, 2019.

“Editing Biosecurity: Needs and Strategies for Governing Genome Editing,” presentation at the ASM Biothreats Conference, Arlington, VA, January 29, 2019.

“Biosecurity in the Age of Genome Editing: Benefits, Risks, and Governance Options,” poster presented at the American Society for Microbiology Biothreats Conference, Baltimore, MD, February 14, 2018.

“Saddam Versus the Inspectors: Iraq, Regime Security, and Weapons of Mass Destruction,” paper presented at the International Studies Association Joint ISSS-ISAC Conference, Washington, DC, October 5, 2013.

“Coercive Nonproliferation: Israel’s Strategy for Preventing the Proliferation of Weapons of Mass Destruction,” paper presented at the American Political Science Association Annual Meeting, Seattle, WA, September 2, 2011.

“Regime Security and Weapons of Mass Destruction,” paper presented at the American Political Science Association Annual Meeting, Washington, DC, September 3, 2010.

“Organizational Adaptation to Novel Threats: The FBI and CDC Prepare for Bioterrorism,” paper presented at the International Studies Association Annual Meeting, New Orleans, Louisiana, February 19, 2010.

“Biological Threats to National Security,” paper presented to the Tobin Project Conference on America and the World: National Security in the New Era, Airlie Center, Virginia, November 14-16, 2008.

“Biological Threats to International Security,” paper presented at the International Studies Association Southern Region Annual Conference at Randolph-Macon College, Ashland, Virginia, October 18, 2008.

“The Politics of Nuclear Cooperation: Why States Share Nuclear Weapons Technology,” paper presented at the American Political Science Association Annual Meeting, Washington, DC, September 1-4, 2005.

“Pathogens as Weapons: The International Security Implications of Biological Warfare,” paper presented at the Fourth Annual New Faces Conference, Triangle Institute for Strategic Studies, Durham, North Carolina, September 12-13, 2003.

Jessica Stern and Gregory Koblentz, “Preventing Unauthorized Access to and Use of Nuclear Materials and Weapons: Lessons from the United States and Former Soviet Union,” paper presented by Jessica Stern at the Center for International Security and Cooperation Conference on Preventing Nuclear War in South Asia, Bangkok, Thailand, August 6, 2001.

PROFESSIONAL PRESENTATIONS

“Empirical Studies in Biorisk Management,” presentation for the Pathogens Project Conference, Geneva, Switzerland, April 20, 2023.

“High Consequence Bio Labs: Growing Risks and Lagging Governance,” virtual presentation for the Global BioLabs Initiative, March 16, 2023.

“Maximum Containment Labs and Global Biorisk Management,” virtual presentation for the Centre for Biosecurity, Public Health Agency of Canada, Ontario, Canada, February 17, 2023.

“Introducing Nonproliferation to STEM Students,” virtual presentation to the Nonproliferation Pedagogy Workshop, Center for Nonproliferation Studies, Monterey, CA, December 9, 2022.

“Maximum Containment Labs and Global Biorisk Management,” virtual presentation for the Biological Weapons Convention Ninth Review Conference Side Event, Geneva, Switzerland, December 9, 2022.

“The Evolving Global Biorisk Landscape,” virtual presentation to the 2022 Biosafety Level 4 Zoonotic Laboratory Network (BSL4ZNet) International Conference, October 13, 2022.

“The Evolving Global Biosecurity Landscape,” virtual presentation to the Office of the Deputy Assistant Secretary of Defense for Threat Reduction and Arms Control, Department of Defense, Arlington, VA, June 9, 2022.

“War in Ukraine: The WMD Dimension,” virtual presentation to the 2022 Youth Security Forum, National Security Forum-Schar School of Policy and Government, Reno, NV, May 24, 2022.

“The Danger of Disinformation: Understanding Russia’s Propaganda Campaign Against Ukrainian Biological Facilities,” virtual presentation to the Nuclear Threat Initiative Seminar Series, Washington, DC, May 17, 2022.

“Biological Risks and Hazards in the World Today with a Special Focus on Russia and Ukraine,” virtual presentation to the History and Future of Planetary Threats seminar series, Institute for Social and Economic Research and Policy, Columbia University, New York City, NY, May 4, 2022.

“Beyond Gain of Function: Evaluating HHS Oversight of Research with Potential Pandemic Pathogens,” virtual presentation to the Virtual Meeting and Listening Session on USG Oversight Framework for Research Involving Enhanced Potential Pandemic Pathogens, National Institutes of Health, Bethesda, MD, April 27, 2022.

“Mitigating the Impact of Disinformation,” virtual presentation to the Global Biosecurity Dialogue, Nuclear Threat Initiative, Washington, DC, April 26, 2022.

“War in Ukraine: Chemical and Biological Dimensions,” virtual presentation to Biosecurity Analysis Seminar, MIT, Cambridge, MA, April 20, 2022.

“Ukraine: Chemical and Biological Security,” virtual presentation to the CWC Coalition, Washington, DC, March 30, 2022.

“Ukraine: Chemical and Biological Security,” virtual presentation to the National Security Forum, Reno, NV, March 30, 2022.

“10 Trends Shaping the Biological Risk Landscape Post-COVID-19,” virtual presentation to the United Kingdom Cabinet Office, London, United Kingdom, March 29, 2022.

“Dictators and Weapons of Mass Destruction: The Influence of Regime Security on Proliferation Decision-Making,” virtual presentation to the Defense Threat Reduction Agency Strategic Forum, Fort Belvoir, VA, March 23, 2022.

“The Evolving Global Biosecurity Landscape,” presentation to the Bipartisan Commission on Biodefense hearing on The Biological Threat Expanse: Current and Future Challenges to National Biodefense, Washington, DC, March 22, 2022.

“Advances in Science and Technology in the Life Sciences,” virtual presentation at the Global Health Security Innovation Week, Texas Global Health Security Innovation Consortium, March 12-15, 2022.

“Assessing the Risk of Bioterrorism in the Wake of COVID-19,” virtual presentation to the Biological Threats to National Security: The Role of Intelligence Services in the Prevention and Management of Emerging Bio-Risks, Gino Germani Institute for Social Sciences and Strategic Studies, Rome, Italy, January 26, 2022.

“Mapping Maximum Biological Containment Labs Globally,” virtual presentation to the Pandemics and Emerging Threats Office, Office of Global Affairs, U.S. Department of Health and Human Services, Washington, DC, November 16, 2021.

“Preparing for the Next Pandemic,” webinar sponsored by CRDF Global, Arlington, VA, November 8, 2021.

“Assessing the Risk of Bioterrorism in the Wake of COVID-19,” virtual presentation to the Biosecurity Analysis Group, Massachusetts Institute of Technology, Cambridge, MA, November 3, 2021.

“Emerging Technology and CBRN Terrorism,” presentation to the Embassy of the Republic of Korea, Washington, DC, October 21, 2021.

“Tracking BSL-4 Labs and Global Biorisk Management Policies,” virtual presentation to the 2021 Biosafety Level-4 Zoonotic Laboratory Network (BSL4ZNET) International Conference, October 14, 2021.

“Mapping Maximum Biological Containment Labs Globally,” virtual presentation to the Biological Weapons Convention Meeting of Experts Side Event, September 1, 2021.

“Tracking BSL-4 Labs and Global Biorisk Management Policies,” virtual presentation to the Global Health Security Agenda Action Package 3 Working Group, August 26, 2021.

“Synthetic Biology and Biosecurity,” virtual presentation at *Syn-Bio: The Threat of Designer Pathogens*, NCT Virtual Conference, August 3, 2021.

“Global Biosecurity Challenges: Genome Editing and BSL-4 Labs,” virtual presentation to the National Biosafety Committee, Department of Science and Technology, Republic of the Philippines, July 17, 2021.

“Mapping Maximum Containment Labs,” webinar sponsored by Kings College of London, May 27, 2021.

“Assad’s Red Lines: The Strategic Logic Behind Syria’s Use of Chemical Weapons,” virtual presentation to the CBRNe World Virtual Workshop, May 12, 2021.

“Drones and the Future of Chemical, Biological, Radiological and Nuclear (CBRN) Threats,” webinar sponsored by Center for Security Policy Studies, Schar School of Policy and Government, March 26, 2021.

“Hiding in Plain Sight: The Biosecurity Challenge,” virtual presentation to the *Virtual Tech Trip*, Atlantic Council and Government of Sweden, February 1, 2021.

“The Global Biosecurity Landscape,” virtual presentation to *Senior Executives in National and International Security*, Harvard Kennedy School, Harvard University, Cambridge, MA, December 4, 2020.

“Designing a New Architecture for Global Biorisk Reduction,” virtual presentation to *BWC Engagement Workshop*, Bureau of International Security and Nonproliferation, Department of State, Washington, DC, November 5, 2020.

“COVID-19 and Biological Weapons: Catalyst or Complication?” virtual presentation to *Rethinking US Biosecurity Strategy for the Decade Ahead Virtual Workshop*, Center for Global Security Research, Lawrence Livermore National Laboratory, October 28, 2020.

“The Evolving Global Biosecurity Landscape,” virtual presentation to the Office of Countering Weapons of Mass Destruction, Office of Secretary of Defense (Policy), Department of Defense, October 9, 2020.

“COVID-19 and the Risk of Bioterrorism,” Virtual Roundtable, Bureau of Counterterrorism, Department of State, Washington, DC, August 20, 2020.

“Zombies and Coronavirus: Planning for the Next Big Outbreak,” Webinar, Comic-Con@Home, July 24, 2020.

“Will COVID-19 Inspire Greater Interest in Biological Weapons?” Webinar, Schar School of Policy and Government, George Mason University, Arlington, VA, July 22, 2020.

“Will COVID-19 Generate More Interest in Biological Weapons?” John J. McCloy Roundtable on Setting the National Security Agenda, Council on Foreign Relations, New York, NY, June 26, 2020.

“Pandemic Preparedness and Social Resilience,” Pandemic Webinar Series, Institute for a Sustainable Earth, George Mason University, May 12, 2020.

“The Use of Chemical Weapons in Syria: Lessons for U.S. Policy,” presentation to the Middlebury Institute for International Studies, Monterey, CA, February 4, 2020.

“Smallpox and Synthetic Biology,” panel at *Pacific Eclipse* Tabletop Exercise, PLoS Alliance, Arlington, VA, December 9, 2019.

“The Role of Sanctions in Countering Syria’s Proliferation and Use of Chemical Weapons,” *Sanctions and Illicit Flows*, Terrorism, Transnational Crime and Corruption Center (TraCCC), George Mason University, Arlington, VA, November 13, 2019.

“State-Sponsored Nuclear Proliferation: Why States Share Nuclear Weapons Technology,” State-to-State Proliferation Speaker Series, CRDF Global, Arlington, VA, August 29, 2019.

“Editing Biosecurity: Needs and Strategies for Governing Genome Editing,” presentation at the James Martin Center for Nonproliferation Studies, Middlebury Institute of International Studies, Monterey, CA, April 5, 2019.

“From the Red Line to Ghouta,” presentation at the *Coercing Syria on Chemical Weapons Workshop*, James Martin Center for Nonproliferation Studies and Middlebury College, Washington, DC, March 13, 2019.

“Countering Intentional Threats: An International Security Perspective,” presentation at *Emerging Leaders in Biosecurity Initiative Spring Workshop*, Center for Health Security, Johns Hopkins School of Public Health, Washington, DC, March 12, 2019.

“Biosecurity in the Age of Genome Editing,” presentation at New America, Washington, DC, December 3, 2018.

“Dictators and the Demand for Weapons of Mass Repression,” presentation at *The Dynamics of Technology Push and Market Pull: Exploring Links Between the Adoption of Emerging Technologies and WMD*, Center for the Study of Weapons of Mass Destruction, National Defense University, Washington, DC, October 31, 2018.

“Dictators and Weapons of Mass Destruction: The Influence of Regime Security on Proliferation Decision-Making,” presentation at the *2018 Symposium on Weapons of Mass Destruction: Weapons of Intimidation, Coercion, and War*, Center for the Study of Weapons of Mass Destruction, National Defense University, Washington, DC, June 20, 2018.

“The Future of Strategic Stability in a Multipolar Asia,” presentation at the Korea National Diplomatic Academy, Seoul, South Korea, June 1, 2018.

“The Future of Strategic Stability in a Multipolar Asia,” presentation at the Asan Institute for Policy Studies, Seoul, South Korea, May 31, 2018.

“The Future of Strategic Stability in a Multipolar Asia,” presentation at the *Symposium on International Security Issues and Concerns: Asia and Beyond* at George Mason University Korea, Songdo, South Korea, May 30, 2018.

“Strategies for Strengthening the BWC,” presentation at the *NGO Roundtable on Institutional Strengthening of the BWC* at the James Martin Center for Nonproliferation Studies, Washington, DC, May 1, 2018.

“Synthesis of Horsepox Virus and Its Implications for National Security,” presentation at the *Jonathan B. Tucker CBW Symposium*, Center for the Study of Weapons of Mass Destruction at National Defense University and the James Martin Center for Nonproliferation Studies, Washington, DC, December 13, 2017.

“Syria and Nonproliferation Sanctions,” presentation for *Security in the New Era of Targeted Sanctions*, National Security Institute, Anton Scalia Law School, George Mason University, Arlington, VA, November 13, 2017.

“Pandemics: Where Public Health Meets Public Policy,” presentation for the panel on “Global Pandemics and Crisis Management in the 2018 NASPAA-Batten Simulation Competition,” Network of Schools of Public Policy, Affairs, and Administration (NASPAA) Annual Conference, Washington, DC, October 12, 2017.

“Cyberbiosecurity: Policy Concerns, Priorities, and Opportunities,” presentation at the *Securing the Bioeconomy—Cyberbiosecurity Workshop*, Virginia Tech, Arlington, VA, October 4, 2017.

“Assad’s Red Lines: The Strategic Logic Behind Syria’s Use of Chemical Weapons,” presentation at the Security Policy Studies Program, Elliott School of International Affairs, George Washington University, Washington, DC, September 26, 2017.

“Maintaining Innovation and Security in Chemistry: Lessons from Homeland and International Security,” presentation at the *Maintaining Innovation and Security in Biotechnology: Lessons Learned from Nuclear, Chemical and Information Technologies* workshop, Center for Global Security Research, Lawrence Livermore National Laboratory, Livermore, CA, August 1, 2017.

“Dictators and Weapons of Mass Destruction: The Influence of Regime Security on Proliferation Decision-Making,” presentation to the Center for Global Security Research, Lawrence Livermore National Laboratory, Livermore, CA, July 31, 2017.

“The De Novo Synthesis of Horsepox Virus: A Case Study,” presentation to the Committee on Strategies for Identifying and Addressing Biodefense Vulnerabilities Posed by Synthetic Biology, National Academies of Science, Engineering, and Medicine, Washington, DC, May 25, 2017.

“Science, Technology, and Terrorism in the 21st Century: Implications for Resolution 1540,” presentation to the United Nations Security Council, New York, NY, August 23, 2016.

“Strategic Stability in the Second Nuclear Age,” presentation to the Center for Global Security Research, Lawrence Livermore National Laboratory, Livermore, CA, August 10, 2016.

“The North Korean Nuclear Conundrum,” presentation to the *Speaking Truth to Nonproliferation Workshop*, Nonproliferation Policy Education Center, Livermore, CA, August 9, 2016.

“Chemical and Biological Weapons: What are They and Why Do States Want Them?” presentation to *Issues in Chemical and Biological Weapons Nonproliferation*, Center for Nonproliferation Studies, Washington, DC, June 27, 2016.

“New Technologies of Mass Destruction,” presentation to *Reassessing Threat Assessment*, Tobin Project, Washington, DC, May 20, 2016.

“Academia and UN Security Council Resolution 1540,” presentation to *UNSCR 1540 Civil Society Forum: A Dialogue with Academia and Civil Society*, 1540 Committee, United Nations, New York, NY, April 11-12, 2016.

“Advances in Science and Technology Relevant to UNSCR 1540,” presentation to *The Changing Nature of Proliferation Threats* seminar, 1540 Committee, United Nations, New York, NY, February 29, 2016.

“North Korea’s Nuclear Weapon Program,” presentation to the *Speaking Truth to Nonproliferation Workshop*, Nonproliferation Policy Education Center, Washington, DC, July 29, 2015.

“WMD Terrorism: How Much of a Threat Does It Represent?” presentation to the National Chapter of ASIS International, McLean, VA, July 15, 2015.

“The Evolution of Nuclear Strategy and Challenges for Arms Control,” presentation to the Congressional Senior Staff Roundtable, Congress and U.S. Foreign Policy Program, Council on Foreign Relations, Washington, DC, April 24, 2015.

“Strategic Stability in the Second Nuclear Age,” presentation to the International Security Advisory Board, Department of State, Washington, DC, April 16, 2015.

“Strategic Stability in the Second Nuclear Age,” presentation to the Bureau of Arms Control and Verification, Department of State, Washington, DC, January 22, 2015.

“Strategic Stability in the Second Nuclear Age,” presentation at the Council on Foreign Relations, New York, NY, December 17, 2014.

“Strategic Stability in the Second Nuclear Age,” presentation at the Council on Foreign Relations, Washington, DC, December 16, 2014.

“Bioterrorism Risk Assessment,” presentation at the Risks and Benefits of Gain-of-Function (GOF) Research Symposium, National Academies of Science, Washington, DC, December 15-16, 2014.

“Researching the Middle East,” presentation at the Cold War International History Project, Wilson Center, Washington, DC, June 10, 2014.

“Viral Warfare: Insights into the Security Implications of Cyber Warfare from Our Experience with Biological Weapons,” presentation at Draper Laboratory, Cambridge, MA, June 9, 2014.

“The Role of Tacit Knowledge in Sino-Soviet Nuclear Cooperation, 1955-1960,” presentation at the *Knowledge Transfer, WMD Proliferation, and Policy Implications* workshop hosted by the Nuclear Proliferation International History Project, Wilson Center, Washington, DC, May 7, 2014.

“Regime Security: A New Approach to Understanding the Proliferation of Weapons of Mass Destruction,” presentation at the Office of Intelligence and Analysis, Department of Treasury, Washington, DC, April 25, 2014.

“Regime Security: A New Approach to Understanding the Proliferation of Chemical and Biological Weapons,” presentation at the School of Economic, Policy and Political Sciences, University of Texas at Dallas, Richardson, TX, March 21, 2014.

“Viral Warfare: The Security Implications of Cyber and Biological Weapons,” presentation at the John Tower Center for Political Studies, Southern Methodist University, Dallas, TX, March 20, 2014.

“The Role of Social Media in the Detection and Attribution of CBW Use,” presentation to the Center for Nonproliferation Studies and Center for the Study of Weapons of Mass Destruction CBW Symposium, Washington, DC, November 7, 2013.

“Challenges to Biological Risk Assessment and Management,” presentation to the National Biodefense Analysis and Countermeasures Center, Department of Homeland Security, Frederick, MD, March 20, 2013.

“The Iranian Nuclear Challenge,” presentation at the Council on Foreign Relations Congressional Staff Conference, Washington, DC, March 15, 2013.

“Responding to Biological Attacks: Lessons Learned from International Bioterrorism Tabletop Exercises,” presentation to the Consequence Management Advisory Team, Defense Threat Reduction Agency, Lorton, VA, November 1, 2012.

“State-Sponsored Nuclear Proliferation: Why States Share Nuclear Weapons Technology,” presentation to the Stanton Nuclear Security Fellows Seminar, Washington, DC, October 25, 2012.

“State-Sponsored Nuclear Proliferation: Why States Share Nuclear Weapons Technology,” presentation to the Security Policy Workshop, Institute for Security and Conflict Studies, Elliott School of International Affairs, George Washington University, Washington, DC, October 22, 2012.

“Responding to Biological Attacks: The Role of International Cooperation and Assistance,” presentation at the NATO Parliamentary Assembly Workshop, Washington, DC, July 10, 2012.

“Recapping the 2011 Biological Weapons Review Conference,” presentation at the American Society for Microbiology Biodefense and Emerging Infectious Diseases Research Meeting, Washington, DC, February 27, 2012.

“Regime Security: A New Model for Understanding the Proliferation of Weapons of Mass Destruction,” presentation at the Center for the Study of Weapons of Mass Destruction, National Defense University, Washington, DC, February 21, 2012.

“The National Strategy for Countering Biological Threats and the Role of Information Sharing in Biodefense,” presentation at the ODNI Emerging Biodefense Threats and Information Sharing Symposium, Fort Meade, MD, November 3, 2011.

“Biological Warfare and International Security,” presentation at the Defense Threat Reduction/U.S. Strategic Command Center for Combating Weapons of Mass Destruction, Fort Belvoir, VA, October 14, 2011.

“Synthetic Biology and Biosecurity,” presentation at the FBI Synthetic Biology III Workshop, Arlington, VA, August 3, 2011.

“Science and Security: Friends or Foes?” presentation at the Center for Science, Technology and Security Policy, American Association for the Advancement of Science, Washington, DC, May 24, 2011.

“Biological Warfare in an Age of Terrorism,” presentation at the Center for Security, Economics and Technology, University of St. Gallen, St. Gallen, Switzerland, September 24, 2010.

“Preventing Biological Attacks,” presentation at the Center for New American Security Luncheon Briefing, Washington, DC, April 16, 2010.

“Biological Weapons and National Security,” presentation to the National Security Studies Program, Eliot School of International Affairs, George Washington University, Washington, DC, March 30, 2010.

“Biological Warfare and International Security,” presentation at the Global Security Research Institute, Keio University, Tokyo, Japan, March 12, 2010.

“Biodefense Education in the 21st Century,” presentation at the Global Security Research Institute, Keio University, Tokyo, Japan, March 12, 2010.

“Ensuring Compliance with the BWC,” presentation at the Global Security Research Institute, Keio University, Tokyo, Japan, March 11, 2010.

“Living Weapons: Biological Warfare and International Security,” presentation at the National Defense Medical College, Tokorozawa Japan, March 9, 2010.

“Living Weapons: Biological Warfare and International Security,” presentation at the Center for Peace and Security Studies, Edmund A. Walsh School of Foreign Service, Georgetown University, Washington, DC, January 21, 2010.

“Biodefense Graduate Program,” presentation to the Workshop on Workforce Development: Biodefense Policy, American Association for the Advancement of Science, Washington, DC, August 11, 2009.

“Biological Threats to National Security,” presentation to the U.S. Army Center for Health Promotion and Preventive Medicine, Aberdeen Proving Ground, MD, May 20, 2009.

“Bioterrorism: Clear and Present Danger or Self-Fulfilling Prophecy?” presentation at James Martin Center for Nonproliferation Studies, Monterey Institute for International Studies, Washington, DC, March 18, 2009.

“Bugs: Biological Threats to National Security,” presentation to the Executive Course on National and International Security, National Security Studies Program, Elliott School of International Affairs, George Washington University, October 25, 2008.

“Biosecurity Education in the 21st Century,” poster presentation at the 2008 Biological Weapon Convention Meeting of Experts, Geneva, Switzerland, August 21, 2008.

“Biodefense Education in the 21st Century,” presentation at the Second Annual Homeland Defense and Security Education Summit sponsored by the Naval Postgraduate School, Homeland Security and Defense Education Consortium and Department of Homeland Security at the University of Maryland, College Park, Maryland, March 18, 2008.

“Open Source Analysis: Assessing the Availability of Variola Virus in the 21st Century,” presentation at the Center for Arms Control and Non-Proliferation’s Conference on Transparency in Current and Emerging Approaches to Biosecurity, Arlington, Virginia, October 19, 2007.

“The Politics of Nuclear Cooperation: Why States Share Nuclear Weapons Technology,” presentation at the Center for International and Security Studies at Maryland, University of Maryland, College Park, Maryland, February 15, 2006.

“Biological Weapons and International Security,” presentation to the Science Technology and International Affairs Work In Progress Seminar Series, Georgetown University, Washington, D.C., November 14, 2005.

“Security Implications of Personalized Biotechnologies,” presentation at the MIT Program on Emerging Technologies Multidisciplinary Meeting on *Redesigning Nature? Implications of Personalized Biotechnologies*, Cambridge, MA, November 2, 2005.

“Biological Weapons and International Security,” presentation to the International Security Program, Sandia National Laboratories, Albuquerque, New Mexico, December 6, 2004.

“Controlling Biological Weapons Proliferation,” presentation at *Transatlantic Relations: How Do We Make the UN and Multilateralism Effective?*, Paul H. Nitze School of Advanced International Studies, John Hopkins University, Washington, D.C., September 14, 2004.

“Assessing the Proliferation of Smallpox,” presentation to the New England Bioterrorism Preparedness Conference, John F. Kennedy School of Government, Cambridge, Massachusetts, June 10, 2003.

“Strategic Theory and Biological Warfare: The Perspective of Political Science,” presentation to the Harvard-MIT Health, Science and Technology Forum, Cambridge, Massachusetts, March 13, 2003.

“Pathogens as Weapons: The International Security Implications of Biological Weapons,” presentation at the National Security Seminar, Olin Institute for Strategic Studies, Harvard University, Cambridge, Massachusetts, November 25, 2002.

“Biological Warfare and International Security,” poster presented at the 2002 Annual Meeting of the American Political Science Association, Boston, Massachusetts, August 29-September 1, 2002.

“U.S. Preparedness for Biological Terrorism,” presentation to the New England Bioterrorism Preparedness Conference, Lincoln Laboratory, Lexington, Massachusetts, April 3, 2002.

“Biological Warfare and International Security,” presentation to the Security Studies Program Technical Seminar, Massachusetts Institute of Technology, Cambridge, Massachusetts, February 7, 2002.

“The Biological Warfare Threat,” presentation to the US-Japan Non-Proliferation Workshop, Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University, Cambridge, Massachusetts, January 31, 2002.

“Biological Warfare and International Security,” presentation to the Society for Social Studies of Science Annual Meeting, Cambridge, Massachusetts, November 1, 2001.